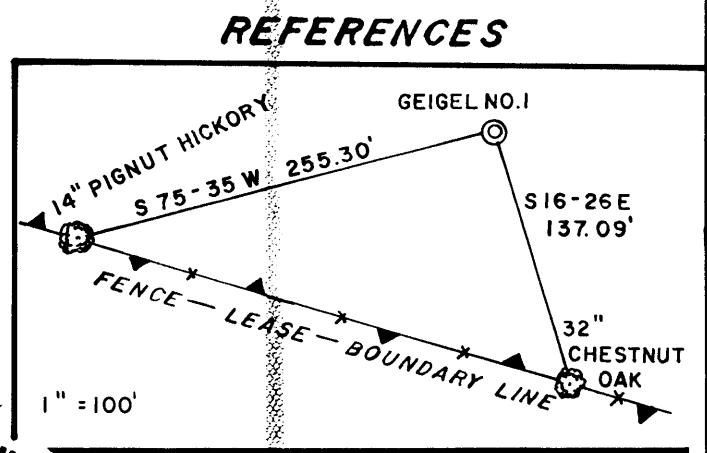
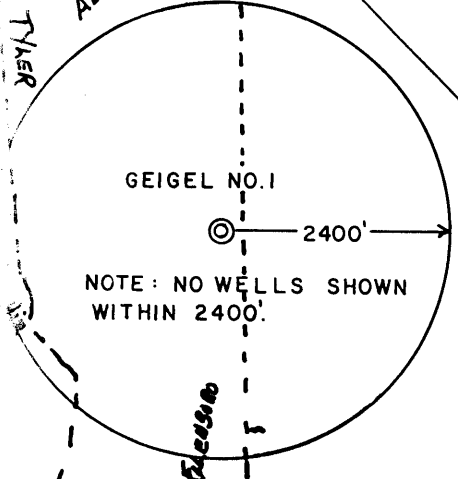
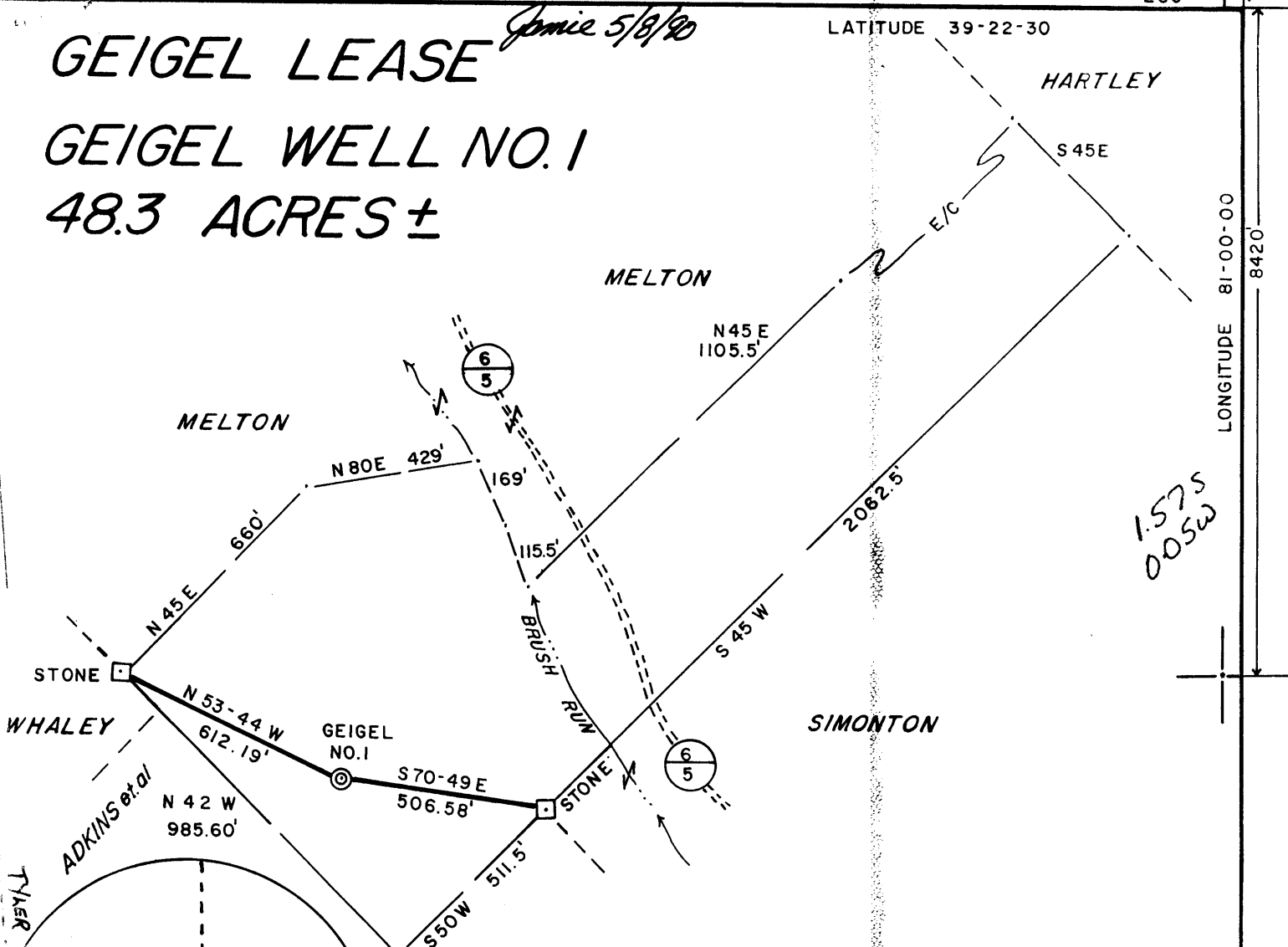


Janice 5/8/90

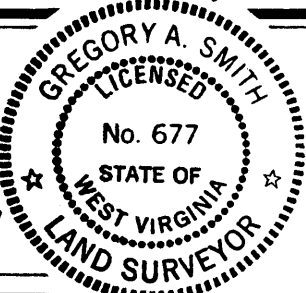
GEIGEL LEASE

GEIGEL WELL NO. 1

48.3 ACRES ±



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE APRIL 18, 19 90
 OPERATORS: WELL NO. GEIGEL NO. 1
 API WELL NO. 47 - 095 - 1386
 STATE COUNTY PERMIT

L.L.S. 677 *Gregory A. Smith*

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2207 (31-14,24)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1083' SCALE 1" = 400'

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 950' WATERSHED BRUSH RUN DISTRICT MEADE 4 COUNTY TYLER QUADRANGLE ELLENBORO 7.5'
 SURFACE OWNER NAOMI GEIGEL ACREAGE 48.3
 ROYALTY OWNER NAOMI GEIGEL et. al. LEASE ACREAGE 48.3
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___
 PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION BENSON ESTIMATED DEPTH 4950'

WELL OPERATOR CHESTERFIELD ENERGY CORP. (63) DESIGNATED AGENT SAMUEL J. CANN ADDRESS 203 WEST MAIN ST. CLARKSBURG, WV 26301
 ADDRESS 203 WEST MAIN ST. CLARKSBURG, WV 26301

COUNTY NAME TYLER
 PERMIT 1386

MAY 11 1990

AUG 3 1 90

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: GEIGEL, NAOMI, WIDOW Operator Well No.: GEIGEL #1

LOCATION: Elevation: 950.00 Quadrangle: ELLENBORO

District: MEADE County: TYLER
Latitude: 8420 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 280 Feet West of 81 Deg. 0 Min. 0 Sec.

Company: CHESTERFIELD ENERGY CORP.
203 WEST MAIN STREET
CLARKSBURG, WV 26301-0000

Agent: SAMUEL J. CANN

Inspector: GLEN P. ROBINSON
Permit Issued: 05/09/90
Well work Commenced: 06/20/90
Well work Completed: 06/26/90
Verbal Plugging
Permission granted on: _____
Rotary XX Cable _____ Rig
Total Depth (feet) 5004'
Fresh water depths (ft) 137', 1502'

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

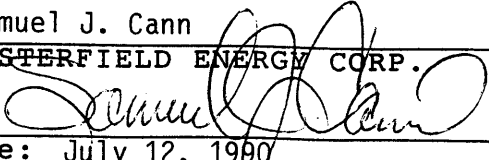
Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4		21'	
8 5/8		1083'	295 sks
4 1/2		4906'	190 sks

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 3820'-4832'
Gas: Initial open flow 42 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 900 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 96 Hours
Static rock Pressure 1250 psig (surface pressure) after 48 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Samuel J. Cann
For: CHESTERFIELD ENERGY CORP.
By: 
Date: July 12, 1990 SEP 10 1990

Frac Information:

Benson - 15 Holes
 8,000# 80/100 Sand
 45,000# 20/40 Sand
 424,000 SCF Nitrogen



Drilling Information:

Ground	0	10		
Red Rock	10	18		
Sand & Shale	18	108		
Sand	108	258	Hole Damp @ 137'	
Sand & Shale	258	555		
Red Rock & Shale	555	600		
Sand & Shale	600	1050		
Sand	1050	1364		
Sand & Shale	1364	1810	Hole Damp @ 1502'	
Big Lime	1810	1894		
Injun	1894	2040		
Sand & Shale	2040	2310	Gas Ck @ 1881'	No Show
Weir	2310	2350	Gas Ck @ 2036'	42/10-1" w/w
Sand & Shale	2350	2818	Gas Ck @ 3332'	12/10-1" w/w
Gordon	2818	2830	Gas Ck @ 4758'	8/10-1: w/w
Shale	2830	3404	Gas Ck @ 4909'	20/10-1" w/w
Balltown	3404	3456		
Shale	3456	4256		
Sand	4256	4274		
Shal	4274	4604		
Riley	4604	4700		
Shale	4700	4820		
Benson	4820	4832		
Shale	4832	5004		
TD	5004			

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Issued 5/19/90
Expires 5/19/92

- 1) Well Operator: CHESTERFIELD ENERGY CORPORATION 9550 (4) 331
- 2) Operator's Well Number: GEIGEL WELL NO. 1 3) Elevation: 950'
- 4) Well type: (a) Oil / or Gas /
(b) If Gas: Production / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): Benson 435
- 6) Proposed Total Depth: 4950 feet
- 7) Approximate fresh water strata depths: 100' 153' 890'
- 8) Approximate salt water depths: N/A ? None Reported
- 9) Approximate coal seam depths: N/A None Reported
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
YPR 4/25/90 Conductor	11-3/4"			30'	0'	0 Sacks
Fresh Water	8-5/8"			1212'	1212' CTS	By Rule 38 CSR 18-11.3
Coal						38 CSR 18-11.3 38 CSR 18-11.2
Intermediate						
Production	4-1/2"			4950'	4950'	By Rule 38 CSR 18-11.1
Tubing						
Liners						

RECEIVED
Division of Energy

PACKERS : Kind _____
Sizes _____
Depths set _____
MAY 07 90
Permitting
Oil and Gas Section

For Division of Oil and Gas Use Only

9272 11

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket Sure Agent
 (Type)

Page 1 of 7
Form WW2-A
(09/87)
File Copy

RECEIVED
Division of Energy
MAY 07 90
Permitting
Oil and Gas Section

1) Date: April 20th, 1990
2) Operator's well number
GEIGEL WELL NO. 1
3) API Well No: 47 - 095 - 1386
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Naomi Geigel, widow</u>
Address <u>194 Hall Drive</u>
<u>Wadsworth, Ohio 44281</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name <u>N/A</u>
Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>N/A</u>
Address _____</p> <p>Name _____
Address _____</p> |
| <p>6) Inspector <u>Glen P. Robinson</u>
Address <u>Rt.1, #6 Mt. Pleasant Est.</u>
<u>Mineral Wells, WV 26150</u>
Telephone <u>(304)-489-9162</u></p> | <p>(c) Coal Lessee with Declaration</p> <p>Name <u>N/A</u>
Address _____</p> |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
xx Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 7 on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Chesterfield Energy Corporation
By: [Signature]
Its: Vice President of Land & Contracts
Address 203 West Main Street
Clarksburg, WV 26301
Telephone 623 - 5467

Subscribed and sworn before me this 20th day of April, 1990

[Signature] Notary Public
My commission expires June 14, 1994